

Converting Colors

CIELCh(39, 52.623, 344.919)

Have a look what the booklet for
CIELCh(39, 52.623, 344.919)
contains.

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Color

CIELCh(39, 52.357, 345.094)

Conversions

Conversions Part 1

Format	Color
Hex	9D3273
RGB	157, 50, 115
RGB Percent	62%, 20%, 45%
CMY	0.3848, 0.8044, 0.5495
CMYK	0.00, 0.68, 0.27, 0.38
HSL	324°, 52%, 41%
HSV	324°, 68%, 62%
XYZ	18.1003, 10.6589, 17.2863
YIQ	89.4030, 42.9070, 42.8990

Conversions

Conversions Part 2

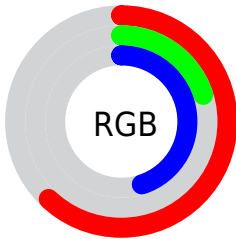
Format	Color
R_{YB}	157, 50, 115
Decimal	10302067
CIE _{Lab}	39.00, 50.60, -13.47
CIE _{LCh}	39, 52.357, 345.094
Yxy	10.6589, 0.3931, 0.2315
Android (android.graphics.Color)	4288492147 (0xFF9D3273)
YUV	89.4030, 12.6193, 59.2826
Hunter-Lab	32.6480, 41.8275, -8.5389

Details

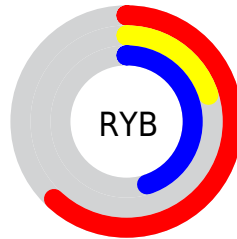
The CIELCh color **39, 52.357, 345.094** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **58, 51.947, 150.733**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 52.309, 344.920**, and **21, 46.395, 346.735** is the 20% darker color. If you saturate the color by 10%, you get **37, 56.926, 346.783**, and if you desaturate by 10%, it is **42, 46.312, 343.691**.

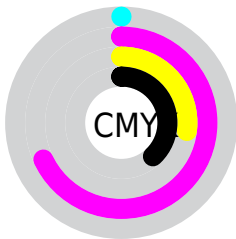
Distribution



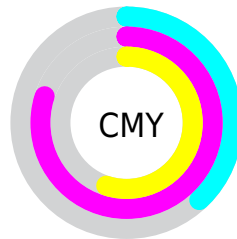
- Red (62%)
- Green (20%)
- Blue (45%)



- Red (62%)
- Yellow (20%)
- Blue (45%)



- Cyan (0%)
- Magenta (68%)
- Yellow (27%)
- Black (38%)





- Cyan (38%)
- Magenta (80%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 52.357, 345.094 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 39, 52.357, 345.094 by changing the saturation by 10% instead.


 39, 52.357,
345.094


 39, 52.357,
345.094

 100, 52.357,
345.094


 29, 52.357,
345.094

 59, 52.357,
345.094

 19, 52.357,
345.094


 69, 52.357,
345.094

 9, 52.357, 345.094

 79, 52.357,
345.094

 0, 52.357, 345.094

 89, 52.357,
345.094

 99, 52.357,
345.094

39, 52.357,
345.094

39, 52.357,
345.094

37, 56.926,
346.783

42, 46.312,
343.691

35, 59.736,
348.858

45, 39.194,
342.491

34, 60.942,
351.371

49, 31.389,
341.440

34, 61.134,
351.832

53, 23.220,
340.499

57, 14.927,
339.640

61, 6.675, 338.833

65, 1.433, 158.371

70, 9.336, 157.517

■ 74, 17.004,
156.876

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39, 52.357, 345.094



58, 51.947, 150.733

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39, 52.357, 345.094



39, 52.357, 35.094



39, 52.357, 165.094



39, 52.357, 215.094

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39, 52.354, 345.095



71, 20.336, 339.821



32, 66.652, 309.204



36, 13.860, 340.042



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39, 52.354, 345.095



47, 71.289, 347.843



37, 48.397, 21.201



31, 4.632, 338.917



31, 57.159, 351.569



1, 5.875, 339.755

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



39, 52.354, 345.095



47, 71.289, 347.843



59, 33.042, 183.994



31, 4.632, 338.917



31, 57.159, 351.569



1, 5.875, 339.755

Previews

White Background



This preview shows how the CIELCh color 39, 52.357, 345.094 looks on a white background.

Color Contrast Check

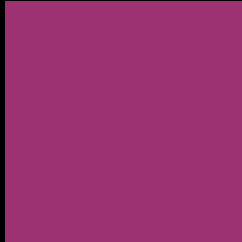
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 39, 52.357, 345.094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

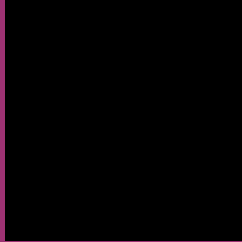
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 52.357, 345.094

Background



This preview shows how black text looks on a background with the CIELCh color 39, 52.357, 345.094.



This preview shows how white text looks on a background with the CIELCh color 39, 52.357, 345.094.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39, 52.357, 345.094

Protanopia

39, 33.161, 285.488

Deuteranopia

40, 11.102, 297.946



Tritanopia
39, 41.554, 23.712

Trichromacy



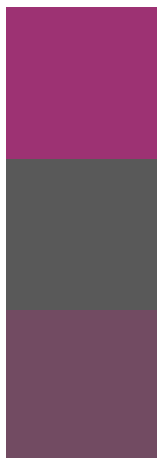
Original Color
39, 52.357, 345.094

Protanomaly
37, 37.010, 310.072

Deuteranomaly
38, 26.796, 330.756

Tritanomaly
39, 42.794, 7.501

Monochromacy



Original Color
39, 52.357, 345.094

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 21.431, 341.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 52.357, 345.094 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(157, 50, 115)` looks like.

```
.text, #text, p{  
    color:rgb(157, 50, 115)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(157, 50, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 50, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 52.357, 345.094 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 50, 115) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(157, 50, 115) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(157, 50, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 50, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 50, 115); box-shadow:4px 4px 4px 4px rgb(157, 50, 115) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 52.357, 345.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 50, 115) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(157, 50,  
115) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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